

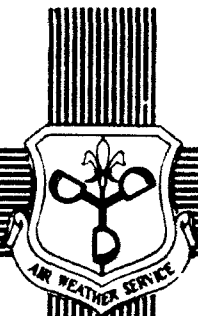
AD-A263 173



USAFETAC/TN--88/005

Revised

2



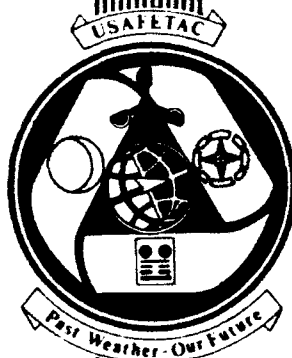
SEASONAL SNOWFALL STATISTICS

for

SELECTED STATIONS

OCTOBER 1988

Revised January 1993



DTIC
SELECTE
APR 21 1993
S B

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED

93-08426
3908

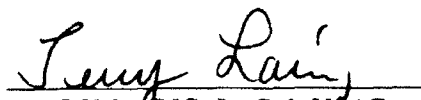
98 4 20 066

USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

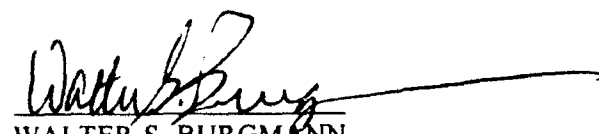
Scott Air Force Base, Illinois, 62225-5116

REVIEW AND APPROVAL STATEMENT

USAFETAC/TN--88/005, *Seasonal Snowfall Statistics for Selected Stations*, revised January 1993, has been reviewed and is approved for publication. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).


TERRY LAING, Lt Col, USAF
Chief of Operations

FOR THE COMMANDER


WALTER S. BURGMANN
Scientific and Technical Information
Program Manager
13 January 1993

REPORT DOCUMENTATION PAGE

2. Report Date: January 1993
3. Report Type: Technical Note
4. Title: Seasonal Snowfall Statistics for Selected Stations
7. Performing Organization Name and Address: United States Air Force Environmental Technical Applications Center (DOC), Scott AFB, IL 62225-5116
8. Performing Organization Report Number: USAFETAC/TN--88/005 Revised January 1993
11. Supplementary Notes: Supersedes AD-A203965.
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: A convenient reference to seasonal snowfall statistics at 63 selected locations worldwide. Revised data is for the 10-year period from 1980 to 1990. Total snowfall amounts for each season (defined as July of one year to June of the next) is provided, along with 24-hour snowfall extremes, and dates. Seasonal means and standard deviations are also given. All values are in inches.
14. Subject Terms: CLIMATOLOGY, SNOW, SNOWFALL, WORLDWIDE, WEATHER, STATISTICS, PRECIPITATION, SEASONS, EXTREMES, MEANS, STANDARD DEVIATION
15. Number of Pages: 36
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

PREFACE

The data presented here was originally requested by the staff weather officer at the Air Force Engineering and Services Center (AFESC), Tyndall AFB, FL 32403-6001. The summaries were prepared by USAFETAC's Engineering Meteorology Section from data provided by USAFETAC's Operating Location A and used by AFESC's Operations and Maintenance Directorate to review snow removal equipment authorizations at each of 63 specified locations worldwide. The original 10-year period of record was from 1976 to 1986. This revision provides updated data from a newer (1980 to 1990) period of record.

Total snowfall amounts are given by season, with a "season" defined as beginning in July and ending in June. Maximum 24-hour snowfall is given. Also included are seasonal means and standard deviations of the total seasonal snowfalls for the latest (1980-90) 10-year period of record (POR), for the entire POR, and for other PORs whenever the latest 10-year POR differed significantly from the total POR. All values are in inches. For computing means, "trace" values are equal to 0.004 inches.

Note that since Chanute AFB (one of the locations specified) discontinued weather observations in 1964, nearby Urbana, Illinois, was added to the list.

Although this snowfall data summary was compiled for a specified customer, its potential to other users is obvious; it is therefore being made available for general use.

| | |
|----------------------|--|
| Accession For | |
| NTIS GRA&I | <input checked="checked" type="checkbox"/> |
| DTIC TAB | <input type="checkbox"/> |
| Unannounced | <input type="checkbox"/> |
| Justification | |
| By | |
| Distribution/ | |
| Availability Codes | |
| Dist | Avail and/or Special |
| A-1 | |

DTIC QUALITY INSPECTED 1

ALTUS AFB, OK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | TRACE | TRACE | |
| 81-82 | 4.8 | 3.0 | Feb 82 |
| 82-83 | 7.7 | 3.0 | Jan 83 |
| 83-84 | 4.5 | 1.0 | Dec 83 |
| 84-85 | 6.0 | 2.4 | Dec 84 |
| 85-86 | 15.9 | 4.4 | Feb 86 |
| 86-87 | 10.2 | 6.5 | Jan 87 |
| 87-88 | 16.4 | 7.6 | Jan 88 |
| 88-89 | 5.0 | 2.9 | Nov 88 |
| 89-90 | TRACE | TRACE | |
| <i>24-Hour Extreme for Entire POR:</i> | | 7.6 | Jan 88 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 6.06 | 6.07 |
| Ten-Season POR: | Jul 70 - Jun 80 | 7.51 | 5.87 |
| Ten-Season POR: | Jul 80 - Mar 90 | 7.05 | 5.70 |
| Entire POR: | Jul 43 - May 90 | 6.72 | 5.34 |

ANDREWS AFB, MD

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 6.9 | 4.2 | Jan 81 |
| 81-82 | 26.6 | 3.9 | Feb 82 |
| 82-83 | 29.8 | 19.6 | Feb 83 |
| 83-84 | 173 | 50 | Jan 84 |
| 84-85 | 144 | 47 | Jan 85 |
| 85-86 | 190 | 53 | Feb 86 |
| 86-87 | 414 | 136 | Jan 87 |
| 87-88 | 284 | 140 | Nov 87 |
| 88-89 | 115 | 20 | Feb 89 |
| 89-90 | 174 | 61 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 196 | Feb 83 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 20.23 | 19.46 |
| Ten-Season POR: | Jul 60 - Jun 70 | 28.20 | 8.86 |
| Ten-Season POR: | Jul 70 - Jun 80 | 19.16 | 11.05 |
| Ten-Season POR: | Jul 80 - Jun 90 | 21.26 | 10.24 |
| Entire POR: | Jul 43 - Jun 90 | 21.13 | 12.96 |

BITBURG AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 52.2 | 13.6 | Apr 81 |
| 81-82 | 31.6 | 4.4 | Nov 81 |
| 82-83 | 27.9 | 4.8 | Jan 83 |
| 83-84 | 37.3 | 4.3 | Jan 84 |
| 84-85 | 35.5 | 5.9 | Jan 85 |
| 85-86 | 28.5 | 3.7 | Nov 85 |
| 86-87 | 33.6 | 8.4 | Dec 86 |
| 87-88 | 32.7 | 5.0 | Feb 88 |
| 88-89 | 5.2 | 2.8 | Nov 88 |
| 89-90 | 5.4 | 1.9 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>13.6</i> | <i>Apr 81</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 60 - Jun 70 | 30.24 | 13.39 |
| Ten-Season POR: | Jul 70 - Jun 80 | 19.96 | 7.05 |
| Ten-Season POR: | Jul 80 - Jun 90 | 28.99 | 14.20 |
| Entire POR: | Jul 52 - Jun 90 | 24.77 | 11.83 |

CHANUTE AFB, IL*

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 54-55 | 17.8 | 2.5 | Nov 54 |
| 55-56 | 31.8 | 5.0 | Feb 56 |
| 56-57 | 21.6 | 4.3 | Apr 57 |
| 57-58 | 7.2 | 3.2 | Dec 57 |
| 58-59 | 23.6 | 6.0 | Jan 59 |
| 59-60 | 36.0 | 5.3 | Mar 60 |
| 60-61 | 25.9 | 3.1 | Dec 60 |
| 61-62 | 46.2 | 4.6 | Nov 61 |
| 62-63 | 23.5 | 6.4 | Feb 63 |
| 63-64 | 31.5 | 7.2 | Jan 64 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>7.2</i> | <i>Jan 64</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Entire POR: | Jul 54 - Jun 64 | 26.51 | 10.65 |

* See Urbana, IL, for more recent data.

DOVER AFB, DE

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 1.8 | 0.4 | Mar 81 |
| 81-82 | 22.9 | 3.3 | Feb 82 |
| 82-83 | 19.2 | 8.4 | Feb 83 |
| 83-84 | 5.5 | 1.7 | Jan 84 |
| 84-85 | 11.3 | 3.5 | Jan 85 |
| 85-86 | 17.8 | 4.0 | Dec 85 |
| 86-87 | 33.6 | 8.4 | Feb 87 |
| 87-88 | 9.7 | 6.2 | Jan 88 |
| 88-89 | 11.2 | 6.2 | Feb 89 |
| 89-90 | 18.6 | 5.2 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>17.9</i> | <i>Feb 79</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 24.87 | 10.48 |
| Ten-Season POR: | Jul 70 - Jun 80 | 16.05 | 13.61 |
| Ten-Season POR: | Jul 80 - Jun 90 | 15.16 | 9.23 |
| Entire POR: | Jul 43 - Jun 90 | 17.12 | 10.71 |

DULUTH, MN

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 36.5 | 3.2 | Jan/Apr 81 |
| 81-82 | 95.7 | 12.0 | Jan 82 |
| 82-83 | 96.5 | 11.6 | Apr 83 |
| 83-84 | 107.3 | 16.5 | Nov 83 |
| 84-85 | 68.2 | 12.0 | Mar 85 |
| 85-86 | 89.3 | 10.3 | Nov 85 |
| 86-87 | 40.6 | 4.4 | Jan 87 |
| 87-88 | 53.8 | 7.1 | Mar 88 |
| 88-89 | 119.1 | 11.6 | Jan 89 |
| 89-90 | 58.3 | 5.1 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>23.2</i> | <i>Dec 50</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 76.87 | 21.45 |
| Ten-Season POR: | Jul 60 - Jun 70 | 76.77 | 26.95 |
| Ten-Season POR: | Jul 70 - Jun 80 | 78.70 | 26.15 |
| Ten-Season POR: | Jul 80 - Jun 90 | 76.53 | 28.87 |
| Entire POR: | Jul 48 - Jun 90 | 77.72 | 27.00 |

EAKER AFB, AR

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | TRACE | TRACE | |
| 81-82 | 11.6 | 5.0 | Jan 81 |
| 82-83 | 6.0 | 3.0 | Jan 82 |
| 83-84 | 4.9 | 1.8 | Dec 82 |
| 84-85 | 23.7 | 8.2 | Jan 85 |
| 85-86 | 3.3 | 2.7 | Feb 86 |
| 86-87 | 5.6 | 3.1 | Jan 87 |
| 87-88 | 10.0 | 5.0 | Jan 88 |
| 88-89 | 10.1 | 5.5 | Mar 89 |
| 89-90 | 6.3 | 2.3 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 9.0 | Mar 71 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 8.88 | 5.66 |
| Ten-Season POR: | Jul 70 - Jun 80 | 11.21 | 7.42 |
| Ten-Season POR: | Jul 80 - Jun 90 | 8.15 | 6.46 |
| Entire POR: | Jul 42 - Jun 90 | 9.07 | 7.14 |

EIELSON AFB, AK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 38.2 | 8.1 | Feb 81 |
| 81-82 | 60.4 | 5.4 | Dec 81 |
| 82-83 | 63.7 | 4.8 | Nov 82 |
| 83-84 | 56.9 | 3.7 | Feb 84 |
| 84-85 | 107.9 | 10.9 | Dec 84 |
| 85-86 | 37.6 | 5.7 | Nov 85 |
| 86-87 | 42.8 | 6.6 | Oct 86 |
| 87-88 | 45.4 | 3.4 | Nov 87 |
| 88-89 | 64.0 | 4.8 | Jan 89 |
| 89-90 | 105.3 | 8.5 | Jan 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 14.2 | Feb 66 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 61.05 | 28.04 |
| Ten-Season POR: | Jul 60 - Jun 70 | 78.31 | 29.78 |
| Ten-Season POR: | Jul 70 - Jun 80 | 72.64 | 32.83 |
| Ten-Season POR: | Jul 80 - Jun 90 | 62.22 | 25.44 |
| Entire POR: | Jul 45 - Jun 90 | 68.17 | 28.25 |

ELLSWORTH AFB, SD

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 17.0 | 4.4 | Dec 80 |
| 81-82 | 44.9 | 6.8 | Mar 82 |
| 82-83 | 37.1 | 4.3 | Apr 83 |
| 83-84 | 50.2 | 10.9 | Apr 84 |
| 84-85 | 28.1 | 5.5 | Mar 85 |
| 85-86 | 81.3 | 7.2 | Nov 85 |
| 86-87 | 38.7 | 8.2 | Feb 87 |
| 87-88 | 19.7 | 4.0 | Mar 88 |
| 88-89 | 23.7 | 4.4 | Mar 89 |
| 89-90 | 37.0 | 3.9 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>18.0</i> | <i>Apr 70</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 50 - Jun 60 | 37.15 | 8.99 |
| Ten-Season POR: | Jul 60 - Jun 70 | 43.81 | 15.21 |
| Ten-Season POR: | Jul 70 - Jun 80 | 42.80 | 11.00 |
| Ten-Season POR: | Jul 80 - Jun 90 | 37.77 | 18.71 |
| Entire POR: | Jul 39 - Jun 90 | 39.40 | 15.23 |

ELMENDORF AFB, AK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 29.8 | 5.2 | Oct 80 |
| 81-82 | 40.4 | 8.5 | Nov 81 |
| 82-83 | 78.9 | 11.8 | Nov 82 |
| 83-84 | 111.0 | 13.5 | Feb 84 |
| 84-85 | 58.9 | 7.8 | Mar 85 |
| 85-86 | 51.6 | 14.9 | Mar 86 |
| 86-87 | 47.3 | 7.4 | Jan 87 |
| 87-88 | 84.9 | 10.7 | Nov 87 |
| 88-89 | 67.7 | 6.5 | Nov 88 |
| 89-90 | 118.6 | 7.7 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>15.0</i> | <i>Dec 55</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 50 - Jun 60 | 73.40 | 31.87 |
| Ten-Season POR: | Jul 60 - Jun 70 | 67.89 | 18.58 |
| Ten-Season POR: | Jul 70 - Jun 80 | 76.29 | 16.14 |
| Ten-Season POR: | Jul 80 - Jun 90 | 68.91 | 29.45 |
| Entire POR: | Jul 41 - Jun 90 | 69.91 | 25.05 |

FAIRCHILD AFB, WA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 16.2 | 3.3 | Jan 81 |
| 81-82 | 48.9 | 6.0 | Jan 82 |
| 82-83 | 32.6 | 4.5 | Dec 82 |
| 83-84 | 38.1 | 4.2 | Feb 84 |
| 84-85 | 51.3 | 6.0 | Nov 84 |
| 85-86 | 63.2 | 5.6 | Feb 86 |
| 86-87 | 26.4 | 5.5 | Jan 87 |
| 87-88 | 39.7 | 6.4 | Dec 87 |
| 88-89 | 51.4 | 7.5 | Feb 89 |
| 89-90 | 41.6 | 8.4 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>10.8</i> | <i>Dec 51</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 46.00 | 18.25 |
| Ten-Season POR: | Jul 60 - Jun 70 | 45.48 | 17.58 |
| Ten-Season POR: | Jul 70 - Jun 80 | 50.78 | 22.51 |
| Ten-Season POR: | Jul 80 - Jun 90 | 40.94 | 13.66 |
| Entire POR: | Jul 40 - Jun 90 | 45.53 | 18.37 |

F. E. WARREN AFB, WY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 27.6 | 2.1 | Nov 80 |
| 81-82 | 26.9 | 4.4 | Oct 81 |
| 82-83 | 101.0 | 11.9 | Apr 83 |
| 83-84 | 99.2 | 17.3 | Apr 84 |
| 84-85 | 30.8 | 4.2 | Dec 84 |
| 85-86 | 65.7 | 8.8 | Apr 86 |
| 86-87 | 47.4 | 6.4 | Feb 87 |
| 87-88 | 64.1 | 7.2 | Dec 87 |
| 88-89 | 43.2 | 6.9 | Feb 89 |
| 89-90 | 80.9 | 10.0 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>19.8</i> | <i>Nov 79</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 49.58 | 12.70 |
| Ten-Season POR: | Jul 60 - Jun 70 | 36.82 | 14.73 |
| Ten-Season POR: | Jul 70 - Jun 80 | 60.84 | 25.93 |
| Ten-Season POR: | Jul 80 - Jun 90 | 58.68 | 28.14 |
| Entire POR: | Jul 48 - Jun 90 | 50.11 | 22.33 |

GALENA AFS, AK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 46.0 | 3.8 | Dec 80 |
| 81-82 | 63.3 | 7.5 | Nov 81 |
| 82-83 | 39.6 | 2.8 | Apr 83 |
| 83-84 | 35.2 | 3.1 | Jan 84 |
| 84-85 | 96.5 | 8.8 | Dec 84 |
| 85-86 | 53.7 | 5.4 | Dec 85 |
| 86-87 | 51.5 | 3.5 | Jan 87 |
| 87-88 | 59.5 | 4.6 | Feb 88 |
| 88-89 | 64.4 | 4.8 | Nov 89 |
| 89-90 | 81.5 | 4.9 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>10.8</i> | <i>Feb 71</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 66.21 | 20.54 |
| Ten-Season POR: | Jul 70 - Jun 80 | 68.54 | 20.01 |
| Ten-Season POR: | Jul 80 - Jun 90 | 59.14 | 18.72 |
| Entire POR: | Jul 43 - Jun 90 | 62.34 | 19.85 |

GRAND FORKS AFB, ND

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 16.4 | 2.9 | Nov 80 |
| 81-82 | 36.9 | 6.0 | Jan 82 |
| 82-83 | 19.3 | 3.1 | Nov 82 |
| 83-84 | 42.7 | 6.2 | Oct 83 |
| 84-85 | 44.9 | 9.5 | Mar 85 |
| 85-86 | 50.0 | 8.7 | Nov 85 |
| 86-87 | 33.9 | 6.3 | Feb 87 |
| 87-88 | 24.5 | 8.8 | Mar 88 |
| 88-89 | 59.1 | 9.0 | Jan 89 |
| 89-90 | 66.2 | 12.4 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.4</i> | <i>Mar 90</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 36.84 | 12.97 |
| Ten-Season POR: | Jul 70 - Jun 80 | 45.71 | 20.58 |
| Ten-Season POR: | Jul 80 - Jun 90 | 39.39 | 16.50 |
| Entire POR: | Jul 59 - Jun 90 | 40.57 | 16.53 |

GRIFFISS AFB, NY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 86.9 | 5.7 | Dec 80 |
| 81-82 | 117.3 | 7.7 | Mar 82 |
| 82-83 | 42.8 | 4.4 | Jan 83 |
| 83-84 | 96.1 | 11.3 | Mar 84 |
| 84-85 | 90.6 | 6.4 | Mar 85 |
| 85-86 | 147.6 | 7.4 | Dec 85 |
| 86-87 | 84.7 | 7.4 | Jan 87 |
| 87-88 | 88.6 | 8.1 | Feb 88 |
| 88-89 | 67.1 | 5.1 | Feb 89 |
| 89-90 | 96.5 | 7.8 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>25.1</i> | <i>Jan 47</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 98.68 | 18.74 |
| Ten-Season POR: | Jul 60 - Jun 70 | 96.25 | 18.02 |
| Ten-Season POR: | Jul 70 - Jun 80 | 120.50 | 36.45 |
| Ten-Season POR: | Jul 80 - Jun 90 | 91.82 | 27.69 |
| Entire POR: | Jul 42 - Jun 90 | 101.10 | 32.37 |

GRISSOM AFB, IN

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 26.0 | 5.0 | Feb 81 |
| 81-82 | 72.5 | 8.5 | Jan 82 |
| 82-83 | 14.4 | 4.9 | Mar 83 |
| 83-84 | 45.4 | 8.5 | Jan 84 |
| 84-85 | 37.9 | 10.0 | Feb 85 |
| 85-86 | 28.6 | 3.0 | Dec 85/Jan 86 |
| 86-87 | 26.2 | 2.8 | Jan 87 |
| 87-88 | 31.0 | 5.8 | Mar 88 |
| 88-89 | 24.9 | 5.0 | Dec 88 |
| 89-90 | 35.0 | 9.5 | Oct 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>11.5</i> | <i>Dec 73</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 29.96 | 10.28 |
| Ten-Season POR: | Jul 70 - Jun 80 | 34.08 | 12.03 |
| Ten-Season POR: | Jul 80 - Jun 90 | 34.19 | 15.84 |
| Entire POR: | Jul 56 - Jun 90 | 31.16 | 12.70 |

HAHN AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 57.7 | 12.2 | Apr 81 |
| 81-82 | 53.1 | 6.7 | Dec 81 |
| 82-83 | 43.0 | 6.0 | Mar 83 |
| 83-84 | 45.8 | 6.7 | Feb 84 |
| 84-85 | 42.3 | 5.3 | Mar 85 |
| 85-86 | 34.5 | 3.6 | Jan 86 |
| 86-87 | 33.4 | 3.4 | Jan 87 |
| 87-88 | 44.2 | 5.0 | Oct 87 |
| 88-89 | 7.1 | 2.5 | Nov 88 |
| 89-90 | 7.8 | 3.3 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 12.2 | Apr 81 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 45.19 | 18.87 |
| Ten-Season POR: | Jul 70 - Jun 80 | 32.76 | 12.87 |
| Ten-Season POR: | Jul 80 - Jun 90 | 36.89 | 17.15 |
| Entire POR: | Jul 53 - Jun 90 | 36.16 | 16.59 |

HANCOCK FIELD, NY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 79.0 | 5.3 | Dec 80 |
| 81-82 | 137.1 | 8.4 | Jan 82 |
| 82-83 | 66.0 | 6.1 | Jan 83 |
| 83-84 | 113.6 | 9.3 | Mar 84 |
| 84-85 | 116.4 | 10.8 | Jan 85 |
| 85-86 | 104.9 | 6.3 | Jan 86 |
| 86-87 | 93.5 | 11.5 | Jan 87 |
| 87-88 | 111.8 | 9.8 | Feb 88 |
| 88-89 | 97.8 | 6.1 | Jan 89 |
| 89-90 | 153.3 | 11.1 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 22.0 | Jan 86 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 109.40 | 27.73 |
| Ten-Season POR: | Jul 60 - Jun 70 | 101.20 | 20.07 |
| Ten-Season POR: | Jul 70 - Jun 80 | 121.50 | 27.68 |
| Ten-Season POR: | Jul 80 - Jun 90 | 107.34 | 25.69 |
| Entire POR: | Jul 45 - Jun 90 | 105.60 | 25.79 |

HANSCOM AFB, MA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 36.4 | 8.2 | Nov 80 |
| 81-82 | 80.4 | 17.0 | Apr 82 |
| 82-83 | 53.5 | 14.0 | Feb 83 |
| 83-84 | 65.4 | 12.8 | Mar 84 |
| 84-85 | 35.1 | 5.0 | Feb 85 |
| 85-86 | 29.3 | 3.1 | Feb 86 |
| 86-87 | 76.8 | 12.0 | Jan 87 |
| 87-88 | 52.5 | 11.2 | Feb 88 |
| 88-89 | 15.7 | 2.1 | Feb 89 |
| 89-90 | 54.6 | 7.0 | Jan/Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 20.0 | <i>Jan 77/Feb 78</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 59.72 | 11.11 |
| Ten-Season POR: | Jul 70 - Jun 80 | 59.64 | 25.48 |
| Ten-Season POR: | Jul 80 - Jun 90 | 49.97 | 20.90 |
| Entire POR: | Jul 60 - Jun 90 | 55.21 | 21.14 |

HILL AFB, UT

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 54.2 | 12.5 | Jan 81 |
| 81-82 | 91.0 | 7.8 | Jan 82 |
| 82-83 | 86.7 | 8.4 | Mar 83 |
| 83-84 | 132.3 | 11.8 | Nov 83 |
| 84-85 | 92.9 | 12.5 | Dec 84 |
| 85-86 | 93.2 | 16.5 | Dec 85 |
| 86-87 | 37.7 | 5.3 | Jan 87 |
| 87-88 | 39.8 | 6.5 | Dec 87 |
| 88-89 | 87.6 | 6.9 | Dec 88 |
| 89-90 | 34.1 | 7.2 | Oct 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 16.5 | <i>Dec 85</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 68.89 | 32.38 |
| Ten-Season POR: | Jul 60 - Jun 70 | 68.38 | 23.32 |
| Ten-Season POR: | Jul 70 - Jun 80 | 90.23 | 33.19 |
| Ten-Season POR: | Jul 80 - Jun 90 | 74.95 | 32.01 |
| Entire POR: | Jul 42 - Jun 90 | 76.40 | 32.95 |

KING SALMON AFS, AK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 51.4 | 11.0 | Mar 81 |
| 81-82 | 33.9 | 2.3 | Dec 81 |
| 82-83 | 19.8 | 2.6 | Oct 82 |
| 83-84 | 33.4 | 8.7 | Oct 83 |
| 84-85 | 43.0 | 3.9 | Nov 84 |
| 85-86 | 44.3 | 5.4 | Jan 86 |
| 86-87 | 49.1 | 12.0 | Jan 87 |
| 87-88 | 50.6 | 4.2 | Nov 87 |
| 88-89 | 52.6 | 4.5 | Jan 89 |
| 89-90 | 77.4 | 5.3 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.0</i> | <i>Jan 87</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 41.25 | 12.42 |
| Ten-Season POR: | Jul 60 - Jun 70 | 50.15 | 8.56 |
| Ten-Season POR: | Jul 70 - Jun 80 | 45.13 | 15.70 |
| Ten-Season POR: | Jun 80 - Jun 90 | 45.55 | 15.24 |
| Entire POR: | Jul 42 - Jun 90 | 44.05 | 11.97 |

KIRTLAND AFB, NM

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 14.2 | 7.4 | Dec 80 |
| 81-82 | 5.5 | 2.4 | Jan 82 |
| 82-83 | 16.7 | 4.1 | Jan 83 |
| 83-84 | 8.8 | 3.0 | Apr 84 |
| 84-85 | 8.9 | 2.1 | Dec 84 |
| 85-86 | 15.1 | 4.8 | Feb 86 |
| 86-87 | 16.2 | 3.2 | Oct 86 |
| 87-88 | 15.1 | 6.7 | Mar 88 |
| 88-89 | 11.7 | 2.0 | Feb/Mar 89 |
| 89-90 | 9.4 | 2.4 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>9.3</i> | <i>Dec 58</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 10.56 | 7.01 |
| Ten-Season POR: | Jul 60 - Jun 70 | 7.93 | 3.36 |
| Ten-Season POR: | Jul 70 - Jun 80 | 13.58 | 9.41 |
| Ten-Season POR: | Jul 80 - Jun 90 | 12.16 | 3.84 |
| Entire POR: | Aug 46 - Jun 90 | 10.85 | 6.60 |

K. I. SAWYER AFB, MI

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 113.7 | 7.7 | Jan 81 |
| 81-82 | 158.1 | 17.1 | Jan 82 |
| 82-83 | 130.6 | 15.2 | Feb 83 |
| 83-84 | 113.1 | 11.5 | Feb 84 |
| 84-85 | 209.4 | 19.8 | Mar 85 |
| 85-86 | 188.2 | 16.2 | Dec 85 |
| 86-87 | 83.8 | 10.4 | Feb 87 |
| 87-88 | 168.7 | 19.6 | Jan 88 |
| 88-89 | 177.3 | 16.5 | Dec 88 |
| 89-90 | 186.0 | 16.1 | May 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 23.8 | Jan 71 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 122.00 | 38.29 |
| Ten-Season POR: | Jul 70 - Jun 80 | 145.30 | 35.98 |
| Ten-Season POR: | Jul 80 - Jun 90 | 152.90 | 40.55 |
| Entire POR: | Jul 57 - Jun 90 | 133.20 | 47.85 |

KUNSAN AB, KOREA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 77.9 | 12.5 | Dec 80 |
| 81-82 | 13.0 | 4.2 | Jan 82 |
| 82-83 | 30.5 | 6.5 | Dec 82 |
| 83-84 | 45.8 | 9.6 | Nov 83 |
| 84-85 | 60.7 | 12.6 | Dec 84 |
| 85-86 | 63.7 | 11.5 | Jan 86 |
| 86-87 | 12.6 | 6.0 | Feb 87 |
| 87-88 | 15.5 | 5.0 | Jan 88 |
| 88-89 | 27.2 | 7.5 | Dec 88 |
| 89-90 | 17.9 | 4.4 | Jan 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 14.2 | Dec 61 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 36.73 | 20.04 |
| Ten-Season POR: | Jul 70 - Jun 80 | 35.06 | 16.52 |
| Ten-Season POR: | Jul 80 - Jun 90 | 36.48 | 23.94 |
| Entire POR: | Jul 51 - Jun 90 | 33.18 | 18.93 |

LANGLEY AFB, VA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 0.1 | 0.1 | Dec 80 |
| 81-82 | 7.8 | 3.0 | Jan 82 |
| 82-83 | 11.5 | 6.5 | Apr 83 |
| 83-84 | 1.8 | 1.8 | Feb 84 |
| 84-85 | 7.0 | 2.3 | Jan 85 |
| 85-86 | 7.6 | 2.8 | Feb 86 |
| 86-87 | 6.5 | 2.8 | Feb 87 |
| 87-88 | 6.4 | 3.2 | Jan 88 |
| 88-89 | 25.4 | 12.2 | Feb 89 |
| 89-90 | 0.1 | 0.1 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.2</i> | <i>Feb 89</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 40 - Jun 50 | 8.42 | 9.08 |
| Ten-Season POR: | Jul 50 - Jun 60 | 7.82 | 7.48 |
| Ten-Season POR: | Jul 60 - Jun 70 | 12.72 | 6.64 |
| Ten-Season POR: | Jul 70 - Jun 80 | 11.23 | 14.59 |
| Ten-Season POR: | Jul 80 - Jun 90 | 7.42 | 7.31 |
| Entire POR: | Jul 37 - Jun 90 | 9.64 | 9.34 |

LITTLE ROCK AFB, AR

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 4.0 | 2.8 | Nov 80 |
| 81-82 | 11.6 | 5.1 | Jan 82 |
| 82-83 | 1.7 | 1.5 | Jan 83 |
| 83-84 | 8.0 | 2.4 | Mar 84 |
| 84-85 | 12.4 | 4.0 | Jan 85 |
| 85-86 | 3.3 | 1.9 | Feb 86 |
| 86-87 | 4.2 | 2.8 | Jan 87 |
| 87-88 | 15.2 | 11.7 | Jan 88 |
| 88-89 | 15.1 | 10.0 | Dec 88 |
| 89-90 | 0.3 | 0.3 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>11.7</i> | <i>Jan 88</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 5.73 | 3.72 |
| Ten-Season POR: | Jul 70 - Jun 80 | 7.75 | 5.54 |
| Ten-Season POR: | Jul 80 - Jun 90 | 7.58 | 5.62 |
| Entire POR: | Jul 56 - Jun 90 | 7.38 | 5.82 |

LORING AFB, ME

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 107.7 | 6.1 | Jan 81 |
| 81-82 | 221.3 | 18.5 | Apr 82 |
| 82-83 | 112.3 | 15.9 | Jan 83 |
| 83-84 | 169.1 | 25.9 | Mar 84 |
| 84-85 | 123.6 | 13.0 | Dec 84 |
| 85-86 | 160.9 | 14.1 | Jan 86 |
| 86-87 | 98.3 | 12.7 | Nov 86 |
| 87-88 | 120.8 | 14.9 | Jan 88 |
| 88-89 | 97.0 | 7.9 | Nov 88 |
| 89-90 | 156.6 | 28.9 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 28.9 | Dec 89 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 116.20 | 28.87 |
| Ten-Season POR: | Jul 60 - Jun 70 | 109.50 | 30.30 |
| Ten-Season POR: | Jul 70 - Jun 80 | 124.80 | 33.69 |
| Ten-Season POR: | Jul 80 - Jun 90 | 136.80 | 39.58 |
| Entire POR: | Jul 50 - Jun 90 | 121.80 | 33.68 |

LOWRY AFB, CO

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 45.1 | 7.8 | Mar 81 |
| 81-82 | 26.7 | 4.0 | Dec 81 |
| 82-83 | 81.6 | 23.6 | Dec 82 |
| 83-84 | 80.9 | 11.4 | Apr 84 |
| 84-85 | 55.2 | 6.13 | Oct 84 |
| 85-86 | 63.1 | 10.4 | Apr 86 |
| 86-87 | 71.1 | 10.1 | Jan 87 |
| 87-88 | 62.3 | 9.6 | Dec 87 |
| 88-89 | 50.1 | 8.6 | Jan 89 |
| 89-90 | 23.5 | 6.8 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 23.6 | Dec 82 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 68.75 | 18.41 |
| Ten-Season POR: | Jul 60 - Jun 70 | 54.81 | 15.60 |
| Ten-Season POR: | Jul 70 - Jun 80 | 66.77 | 20.19 |
| Ten-Season POR: | Jul 80 - Jun 90 | 55.96 | 20.17 |
| Entire POR: | Jul 48 - Jun 90 | 61.33 | 18.61 |

MALMSTROM AFB, MT

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 52.3 | 6.6 | Oct 80 |
| 81-82 | 86.9 | 11.1 | May 82 |
| 82-83 | 47.2 | 5.9 | May 83 |
| 83-84 | 80.4 | 8.0 | Nov 83/Feb/Mar |
| 84 | | | |
| 84-85 | 63.0 | 5.5 | Dec 84 |
| 85-86 | 48.5 | 5.9 | Oct 85 |
| 86-87 | 33.2 | 15.0 | Mar 87 |
| 87-88 | 33.7 | 8.1 | Jan 88 |
| 88-89 | 102.0 | 7.0 | May 89 |
| 89-90 | 56.0 | 7.1 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>15.0</i> | <i>Mar 87</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 49.20 | 15.53 |
| Ten-Season POR: | Jul 60 - Jun 70 | 50.95 | 18.41 |
| Ten-Season POR: | Jul 70 - Jun 80 | 52.11 | 11.84 |
| Ten-Season POR: | Jul 80 - Jun 90 | 60.32 | 22.84 |
| Entire POR: | Jul 43 - Jun 90 | 51.82 | 17.76 |

MC CHORD AFB, WA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 2.0 | 1.0 | Dec 80/Feb 81 |
| 81-82 | 2.9 | 1.1 | Jan 82 |
| 82-83 | TRACE | TRACE | Mar 83 |
| 83-84 | 0.8 | 0.5 | Dec 83 |
| 84-85 | 4.0 | 2.0 | Feb 85 |
| 85-86 | 22.6 | 9.4 | Nov 85 |
| 86-87 | 0.6 | 0.6 | Jan 87 |
| 87-88 | 0.5 | 0.3 | Jan 88 |
| 88-89 | 16.9 | 6.5 | Feb 89 |
| 89-90 | 9.6 | 3.6 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>9.4</i> | <i>Nov 85</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 40 - Jun 50 | 12.64 | 14.01 |
| Ten-Season POR: | Jul 50 - Jun 60 | 9.70 | 5.99 |
| Ten-Season POR: | Jul 60 - Jun 70 | 10.88 | 12.45 |
| Ten-Season POR: | Jul 70 - Jun 80 | 10.80 | 9.71 |
| Ten-Season POR: | Jul 80 - Jun 90 | 5.99 | 7.88 |
| Entire POR: | Jul 40 - Jun 90 | 9.71 | 9.67 |

MC CONNELL AFB, KS

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 3.1 | 2.1 | Feb 81 |
| 81-82 | 12.7 | 4.8 | Feb 82 |
| 82-83 | 26.5 | 8.0 | Feb 83 |
| 83-84 | 21.5 | 4.0 | Dec 83 |
| 84-85 | 22.8 | 5.3 | Nov 84 |
| 85-86 | 7.1 | 1.5 | Feb 86 |
| 86-87 | 26.3 | 6.6 | Jan 87 |
| 87-88 | 39.5 | 10.3 | Dec 87 |
| 88-89 | 3.9 | 2.0 | Nov 88 |
| 89-90 | 12.9 | 5.0 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>15.0</i> | <i>Mar 70</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 11.61 | 7.59 |
| Ten-Season POR: | Jul 70 - Jun 80 | 17.01 | 8.87 |
| Ten-Season POR: | Jul 80 - Jun 90 | 17.63 | 11.70 |
| Entire POR: | Jul 54 - Jun 90 | 16.29 | 9.73 |

MC GUIRE AFB, NJ

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 10.9 | 4.8 | Mar 81 |
| 81-82 | 20.2 | 6.8 | Jan 82 |
| 82-83 | 25.6 | 12.9 | Feb 83 |
| 83-84 | 19.7 | 6.3 | Mar 84 |
| 84-85 | 15.1 | 3.8 | Jan 85 |
| 85-86 | 15.3 | 3.7 | Feb 86 |
| 86-87 | 33.9 | 13.0 | Feb 87 |
| 87-88 | 17.4 | 6.0 | Jan 88 |
| 88-89 | 7.0 | 3.1 | Jan 89 |
| 89-90 | 23.5 | 4.7 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>20.1</i> | <i>Mar 58</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 19.48 | 16.23 |
| Ten-Season POR: | Jul 60 - Jun 70 | 31.18 | 9.99 |
| Ten-Season POR: | Jul 70 - Jun 80 | 22.39 | 15.29 |
| Ten-Season POR: | Jul 80 - Jun 90 | 18.86 | 7.66 |
| Entire POR: | Jul 42 - Jun 90 | 21.98 | 13.59 |

MINNEAPOLIS-ST PAUL, MN

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 21.1 | 2.1 | Feb 81 |
| 81-82 | 95.0 | 17.2 | Jan 82 |
| 82-83 | 74.4 | 13.6 | Apr 83 |
| 83-84 | 98.4 | 11.4 | Nov 83 |
| 84-85 | 72.7 | 14.7 | Mar 85 |
| 85-86 | 69.5 | 8.4 | Dec 85 |
| 86-87 | 17.4 | 4.1 | Jan 87 |
| 87-88 | 43.3 | 7.5 | Jan 88 |
| 88-89 | 70.1 | 8.5 | Mar 89 |
| 89-90 | 35.5 | 4.8 | Nov 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>17.2</i> | <i>Jan 82</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 42.68 | 23.51 |
| Ten-Season POR: | Jul 60 - Jun 70 | 52.21 | 23.18 |
| Ten-Season POR: | Jul 70 - Jun 80 | 54.65 | 8.76 |
| Ten-Season POR: | Jul 80 - Jun 90 | 59.74 | 28.80 |
| Entire POR: | Jul 45 - Jun 90 | 50.43 | 22.20 |

MINOT AFB, ND

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 22.4 | 3.7 | Jan 81 |
| 81-82 | 43.4 | 5.7 | Jan 82 |
| 82-83 | 17.5 | 2.5 | Jan 83 |
| 83-84 | 34.0 | 9.0 | Apr 84 |
| 84-85 | 44.5 | 16.5 | Mar 85 |
| 85-86 | 45.8 | 8.5 | Oct 85 |
| 86-87 | 42.0 | 10.1 | Nov 86 |
| 87-88 | 19.9 | 7.0 | Mar 88 |
| 88-89 | 43.2 | 5.6 | Jan 89 |
| 89-90 | 20.0 | 5.3 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>16.5</i> | <i>Mar 85</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 40.87 | 22.15 |
| Ten-Season POR: | Jul 70 - Jun 80 | 42.19 | 16.86 |
| Ten-Season POR: | Jul 80 - Jun 90 | 33.27 | 11.94 |
| Entire POR: | Jul 60 - Jun 90 | 39.35 | 17.34 |

MISAWA AB, JAPAN

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | MISSING | MISSING | |
| 81-82 | MISSING | MISSING | |
| 82-83 | MISSING | MISSING | |
| 83-84 | MISSING | MISSING | |
| 84-85 | MISSING | MISSING | |
| 85-86 | 165.5 | 10.6 | Nov 85/Feb 86 |
| 86-87 | 129.7 | 14.2 | Feb 87 |
| 87-88 | 122.3 | 10.3 | Dec 87 |
| 88-89 | 89.1 | 9.5 | Nov 88 |
| 89-90 | 53.5 | 7.5 | Jan 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 43.1 | Mar 52 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 128.40 | 39.84 |
| Ten-Season POR: | Jul 60 - Jun 70 | 127.60 | 26.55 |
| Ten-Season POR: | Jul 70 - Jun 80 | 112.90 | 24.51 |
| Ten-Season POR: | Jul 80 - Jun 90 | 93.48 | 59.22 |
| Entire POR: | Jul 48 - Jun 90 | 115.30 | 40.84 |

MOUNTAIN HOME AFB, ID

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 2.6 | 1.1 | Nov 80 |
| 81-82 | 32.7 | 5.2 | Jan 82 |
| 82-83 | 12.9 | 3.6 | Jan 83 |
| 83-84 | 31.2 | 4.8 | Dec 83 |
| 84-85 | 20.0 | 3.0 | Dec 84 |
| 85-86 | 33.4 | 6.5 | Nov 85 |
| 86-87 | 10.7 | 3.0 | Feb 87 |
| 87-88 | 9.5 | 3.2 | Dec 87 |
| 88-89 | 22.1 | 3.0 | Jan 89 |
| 89-90 | 9.2 | 2.0 | Jan 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 8.7 | Jan 52 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 11.02 | 5.48 |
| Ten-Season POR: | Jul 70 - Jun 80 | 13.62 | 5.77 |
| Ten-Season POR: | Jul 80 - Jun 90 | 18.43 | 11.12 |
| Entire POR: | Jul 32 - Jun 90 | 13.38 | 10.05 |

OFFUTT AFB, NE

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 14.7 | 4.4 | Jan 81 |
| 81-82 | 31.0 | 5.9 | Mar 82 |
| 82-83 | 42.4 | 6.9 | Mar 83 |
| 83-84 | 51.4 | 7.9 | Dec 83 |
| 84-85 | 26.9 | 7.0 | Dec 84 |
| 85-86 | 15.5 | 4.1 | Dec 85 |
| 86-87 | 22.5 | 10.0 | Mar 87 |
| 87-88 | 17.8 | 5.8 | Nov 87 |
| 88-89 | 19.1 | 4.0 | Feb 89 |
| 89-90 | 23.5 | 5.0 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>19.0</i> | <i>Feb 65</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 29.96 | 14.05 |
| Ten-Season POR: | Jul 60 - Jun 70 | 26.09 | 14.87 |
| Ten-Season POR: | Jul 70 - Jun 80 | 35.75 | 13.48 |
| Ten-Season POR: | Jul 80 - Jun 90 | 26.48 | 12.06 |
| Entire POR: | Jul 48 - Jun 90 | 30.05 | 13.77 |

OSAN AB, KOREA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 30.5 | 10.0 | Jan 81 |
| 81-82 | 2.0 | 1.7 | Jan 82 |
| 82-83 | 6.9 | 1.1 | Feb 83 |
| 83-84 | 6.9 | 3.0 | Mar 84 |
| 84-85 | 17.2 | 3.0 | Jan 85 |
| 85-86 | 5.4 | 2.0 | Jan 86 |
| 86-87 | 10.4 | 3.5 | Feb 87 |
| 87-88 | 2.1 | 0.8 | Feb 88 |
| 88-89 | TRACE | TRACE | |
| 89-90 | 7.0 | 3.8 | Jan 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>10.0</i> | <i>Jan 81</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 70 - Jun 80 | 7.37 | 4.63 |
| Ten-Season POR: | Jul 80 - Jun 90 | 8.84 | 9.03 |
| Entire POR: | Jul 69 - Jun 90 | 8.10 | 6.85 |

PEASE AFB, NH

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 36.1 | 9.8 | Nov 80 |
| 81-82 | 83.0 | 18.3 | Apr 82 |
| 82-83 | 51.6 | 15.5 | Feb 83 |
| 83-84 | 70.8 | 9.3 | Mar 84 |
| 84-85 | 38.2 | 5.1 | Mar 85 |
| 85-86 | 32.5 | 6.0 | Jan 86 |
| 86-87 | 66.7 | 17.1 | Jan 87 |
| 87-88 | 53.7 | 11.8 | Feb 88 |
| 88-89 | 21.4 | 5.5 | Feb 89 |
| 89-90 | 51.5 | 8.2 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>20.4</i> | <i>Feb 69</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 74.72 | 17.11 |
| Ten-Season POR: | Jul 70 - Jun 80 | 70.42 | 27.69 |
| Ten-Season POR: | Jul 80 - Jun 90 | 50.55 | 19.07 |
| Entire POR: | Jul 56 - Jun 90 | 65.65 | 22.48 |

PETERSON AFB, CO

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 18.2 | 3.6 | Mar 81 |
| 81-82 | 34.4 | 7.4 | Dec 81 |
| 82-83 | 36.3 | 8.6 | Mar 83 |
| 83-84 | 70.7 | 7.1 | Dec 83 |
| 84-85 | 75.5 | 9.2 | Oct 84 |
| 85-86 | 29.9 | 4.0 | Nov 85/Apr 86 |
| 86-87 | 83.2 | 22.0 | Jan 87 |
| 87-88 | 44.6 | 5.9 | Feb 88 |
| 88-89 | 38.1 | 12.3 | Feb 89 |
| 89-90 | 53.0 | 7.2 | Apr 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>22.0</i> | <i>Jan 87</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 41.58 | 22.69 |
| Ten-Season POR: | Jul 60 - Jun 70 | 38.57 | 10.94 |
| Ten-Season POR: | Jul 70 - Jun 80 | 47.39 | 18.23 |
| Ten-Season POR: | Jul 80 - Jun 90 | 48.39 | 21.55 |
| Entire POR: | Jul 48 - Jun 90 | 41.95 | 19.36 |

PITTSBURGH, PA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 48.0 | 8.7 | Nov 80 |
| 81-82 | 45.1 | 6.7 | Mar 82 |
| 82-83 | 30.1 | 6.4 | Feb 83 |
| 83-84 | 49.2 | 5.0 | Feb 84 |
| 84-85 | 36.4 | 3.5 | Jan 85 |
| 85-86 | 46.3 | 6.7 | Jan 86 |
| 86-87 | 30.0 | 5.5 | Jan 87 |
| 87-88 | 36.2 | 2.6 | Mar 88 |
| 88-89 | 21.7 | 4.0 | Mar 89 |
| 89-90 | 28.4 | 6.8 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.5</i> | <i>Mar 60</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 42.34 | 17.43 |
| Ten-Season POR: | Jul 60 - Jun 70 | 53.65 | 13.87 |
| Ten-Season POR: | Jul 70 - Jun 80 | 42.57 | 16.38 |
| Ten-Season POR: | Jul 80 - Jun 90 | 37.14 | 9.59 |
| Entire POR: | Jul 48 - Jun 90 | 42.53 | 16.15 |

PLATTSBURGH AFB, NY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 34.9 | 4.2 | Jan 81 |
| 81-82 | 55.6 | 6.6 | Mar 82 |
| 82-83 | 39.3 | 10.8 | Feb 83 |
| 83-84 | 58.0 | 11.3 | Feb 84 |
| 84-85 | 77.5 | 14.4 | Dec 84 |
| 85-86 | 69.9 | 9.6 | Jan 86 |
| 86-87 | 76.5 | 9.2 | Jan 87 |
| 87-88 | 47.6 | 10.0 | Feb 88 |
| 88-89 | 23.5 | 6.5 | Mar 89 |
| 89-90 | 51.7 | 8.1 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>21.1</i> | <i>Feb 72</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 52.42 | 13.62 |
| Ten-Season POR: | Jul 70 - Jun 80 | 72.92 | 30.36 |
| Ten-Season POR: | Jul 80 - Jun 90 | 53.45 | 17.90 |
| Entire POR: | Jul 56 - Jun 90 | 61.16 | 22.98 |

POPE AFB, NC

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 3.3 | 2.3 | Jan 81 |
| 81-82 | 3.0 | 3.0 | Jan 82 |
| 82-83 | 6.3 | 5.5 | Mar 83 |
| 83-84 | 0.5 | 0.5 | Feb 84 |
| 84-85 | 1.1 | 0.6 | Jan 85 |
| 85-86 | TRACE | TRACE | |
| 86-87 | 2.2 | 2.2 | Feb 87 |
| 87-88 | 8.0 | 8.0 | Jan 88 |
| 88-89 | 4.5 | 2.6 | Feb 89 |
| 89-90 | 3.7 | 2.5 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>14.0</i> | <i>Dec 58</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 40 - Jun 50 | 1.52 | 3.13 |
| Ten-Season POR: | Jul 50 - Jun 60 | 3.39 | 5.99 |
| Ten-Season POR: | Jul 60 - Jun 70 | 3.69 | 3.39 |
| Ten-Season POR: | Jul 70 - Jun 80 | 6.15 | 5.79 |
| Ten-Season POR: | Jul 80 - Jun 90 | 3.26 | 2.53 |
| Entire POR: | Jul 37 - Jun 90 | 3.92 | 4.57 |

RAF ALCONBURY, UK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 3.0 | 1.2 | Feb 81 |
| 81-82 | 18.9 | 4.3 | Dec 81 |
| 82-83 | 8.6 | 3.1 | Feb 83 |
| 83-84 | 5.8 | 2.6 | Jan 84 |
| 84-85 | 15.7 | 3.9 | Feb 85 |
| 85-86 | 8.8 | 4.0 | Feb 86 |
| 86-87 | 3.4 | 1.7 | Jan 87 |
| 87-88 | 3.2 | 2.7 | Jan 88 |
| 88-89 | 3.1 | 2.1 | Nov 89 |
| 89-90 | TRACE | TRACE | |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>7.4</i> | <i>Dec 61/Dec 62</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 11.70 | 8.68 |
| Ten-Season POR: | Jul 70 - Jun 80 | 4.61 | 6.72 |
| Ten-Season POR: | Jul 80 - Jun 90 | 7.05 | 6.07 |
| Entire POR: | Jul 56 - Jun 90 | 7.53 | 7.24 |

RAF LAKENHEATH, UK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 6.1 | 2.5 | Nov 80 |
| 81-82 | 11.9 | 3.0 | Dec 81 |
| 82-83 | 2.2 | 1.2 | Feb 83 |
| 83-84 | 7.0 | 3.8 | Jan 84 |
| 84-85 | 20.7 | 4.3 | Feb 85 |
| 85-86 | 1.5 | 1.3 | Feb 86 |
| 86-87 | 6.7 | 2.0 | Jan 87 |
| 87-88 | 1.9 | 1.0 | Jan 88 |
| 88-89 | 3.0 | 1.3 | Nov 88 |
| 89-90 | TRACE | TRACE | |
| <i>24-Hour Extreme for Entire POR:</i> | | 6.2 | Jan 79 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 6.81 | 5.74 |
| Ten-Season POR: | Jul 60 - Jun 70 | 10.33 | 9.03 |
| Ten-Season POR: | Jul 70 - Jun 80 | 6.35 | 8.34 |
| Ten-Season POR: | Jul 80 - Jun 90 | 6.10 | 6.23 |
| Entire POR: | Jul 49 - Jun 90 | 7.22 | 7.38 |

RAF MILDENHALL, UK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 8.5 | 3.9 | Nov 80 |
| 81-82 | 8.9 | 2.7 | Dec 81 |
| 82-83 | 3.3 | 1.3 | Feb 83 |
| 83-84 | 5.2 | 3.0 | Jan 84 |
| 84-85 | 13.1 | 3.4 | Jan 85 |
| 85-86 | 2.0 | 1.0 | Feb 86 |
| 86-87 | 6.0 | 2.2 | Jan 87 |
| 87-88 | 10.5 | 3.6 | Jan 88 |
| 88-89 | 4.9 | 2.8 | Feb 89 |
| 89-90 | 0.8 | 0.7 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 8.2 | Jan 76 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 4.99 | 4.45 |
| Ten-Season POR: | Jul 60 - Jun 70 | 8.06 | 7.28 |
| Ten-Season POR: | Jul 70 - Jun 80 | 7.07 | 6.99 |
| Ten-Season POR: | Jul 80 - Jun 90 | 6.32 | 3.89 |
| Entire POR: | Jul 50 - Jun 90 | 6.83 | 5.73 |

RAF UPPER HEYFORD, UK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 10.6 | 4.5 | Feb 81 |
| 81-82 | 28.9 | 9.0 | Jan 82 |
| 82-83 | 8.8 | 2.7 | Feb 83 |
| 83-84 | 4.2 | 2.0 | Jan 84 |
| 84-85 | 5.8 | 1.2 | Feb 85 |
| 85-86 | 4.5 | 3.4 | Feb 86 |
| 86-87 | 7.2 | 3.0 | Jan 87 |
| 87-88 | 0.8 | 0.8 | Jan 88 |
| 88-89 | 5.1 | 2.7 | Feb 89 |
| 89-90 | TRACE | TRACE | |
| <i>24-Hour Extreme for Entire POR:</i> | | 9.0 | Jan 82 |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 60 - Jun 70 | 11.84 | 8.35 |
| Ten-Season POR: | Jul 70 - Jun 80 | 8.09 | 6.97 |
| Ten-Season POR: | Jul 80 - Jun 90 | 7.59 | 8.16 |
| Entire POR: | Jul 52 - Jun 90 | 9.24 | 7.57 |

RAMSTEIN AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 30.4 | 4.2 | Nov 80 |
| 81-82 | 38.3 | 6.7 | Jan 82 |
| 82-83 | 8.8 | 3.0 | Feb 83 |
| 83-84 | 14.8 | 3.3 | Jan 84 |
| 84-85 | 17.8 | 2.7 | Jan 85 |
| 85-86 | 27.8 | 6.0 | Dec 85 |
| 86-87 | 24.3 | 2.9 | Mar 87 |
| 87-88 | 13.3 | 3.7 | Nov 87 |
| 88-89 | 8.5 | 3.7 | Nov 88 |
| 89-90 | TRACE | TRACE | |
| <i>24-Hour Extreme for Entire POR:</i> | | 7.6 | Mar 75 |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 60 - Jun 70 | 21.48 | 9.61 |
| Ten-Season POR: | Jul 70 - Jun 80 | 13.02 | 6.04 |
| Ten-Season POR: | Jul 80 - Jun 90 | 18.40 | 11.70 |
| Entire POR: | Jul 52 - Jun 90 | 16.90 | 9.77 |

RICKENBACKER ANGB, OH

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 20.0 | 3.4 | Nov 80 |
| 81-82 | 22.9 | 3.3 | Dec 81 |
| 82-83 | 7.8 | 1.8 | Dec 82 |
| 83-84 | 26.2 | 8.5 | Feb 84 |
| 84-85 | 30.7 | 4.9 | Feb 85 |
| 85-86 | 20.9 | 2.7 | Feb 86 |
| 86-87 | 19.0 | 7.9 | Apr 87 |
| 87-88 | 12.8 | 2.0 | Jan 88 |
| 88-89 | 22.1 | 12.5 | Nov 88 |
| 89-90 | 15.1 | 4.8 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.5</i> | <i>Nov 88</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 30.44 | 8.09 |
| Ten-Season POR: | Jul 70 - Jun 80 | 21.10 | 8.61 |
| Ten-Season POR: | Jun 80 - Jun 90 | 19.75 | 6.60 |
| Entire POR: | Aug 42 - Jun 90 | 23.36 | 9.69 |

SCOTT AFB, IL

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 14.2 | 4.8 | Nov 80 |
| 81-82 | 34.8 | 12.0 | Jan 82 |
| 82-83 | 5.5 | 2.0 | Jan 83 |
| 83-84 | 25.6 | 8.0 | Feb 84 |
| 84-85 | 12.1 | 5.0 | Jan 85 |
| 85-86 | 13.7 | 5.8 | Feb 86 |
| 86-87 | 13.9 | 8.1 | Jan 87 |
| 87-88 | 13.0 | 4.0 | Dec 88 |
| 88-89 | 17.3 | 4.3 | Dec 88 |
| 89-90 | 15.7 | 4.4 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>13.6</i> | <i>Dec 73</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 40 - Jun 50 | 12.00 | 9.46 |
| Ten-Season POR: | Jul 50 - Jun 60 | 15.08 | 9.93 |
| Ten-Season POR: | Jul 60 - Jun 70 | 18.00 | 8.86 |
| Ten-Season POR: | Jul 70 - Jun 80 | 23.39 | 10.02 |
| Ten-Season POR: | Jul 80 - Jun 90 | 16.68 | 8.17 |
| Entire POR: | Jul 38 - Jun 90 | 17.70 | 9.56 |

SEMBACH AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 38.4 | 9.0 | Apr 81 |
| 81-82 | 18.8 | 4.0 | Feb 82 |
| 82-83 | 13.1 | 2.0 | Feb 83 |
| 83-84 | 22.7 | 4.0 | Feb 84 |
| 84-85 | 35.0 | 12.0 | Feb 85 |
| 85-86 | 21.7 | 4.2 | Feb 86 |
| 86-87 | 17.0 | 2.2 | Feb 87 |
| 87-88 | 11.8 | 2.7 | Nov 87 |
| 88-89 | 10.9 | 3.8 | Nov 88 |
| 89-90 | 2.0 | 1.0 | Feb/Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>12.0</i> | <i>Feb 85</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 19.81 | 9.50 |
| Ten-Season POR: | Jul 70 - Jun 80 | 9.12 | 5.20 |
| Ten-Season POR: | Jul 80 - Jun 90 | 19.05 | 11.21 |
| Entire POR: | Jul 53 - Jun 90 | 16.42 | 9.71 |

SEYMOUR JOHNSON AFB, NC

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 5.0 | 5.0 | Jan 81 |
| 81-82 | 0.3 | 0.2 | Jan 82 |
| 82-83 | 10.6 | 9.3 | Mar 83 |
| 83-84 | 0.2 | 0.2 | Feb 84 |
| 84-85 | 5.0 | 2.8 | Jan 85 |
| 85-86 | TRACE | TRACE | |
| 86-87 | 1.0 | 1.0 | Feb 87 |
| 87-88 | 8.1 | 7.8 | Jan 88 |
| 88-89 | 9.7 | 6.3 | Feb 89 |
| 89-90 | 8.7 | 4.0 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>13.2</i> | <i>Dec 58</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 4.05 | 4.84 |
| Ten-Season POR: | Jul 70 - Jun 80 | 6.57 | 8.43 |
| Ten-Season POR: | Jul 80 - Jun 90 | 4.86 | 4.25 |
| Entire POR: | Jul 44 - Jun 90 | 5.36 | 5.90 |

SHEMYA AFB, AK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 107.1 | 4.6 | Mar 81 |
| 81-82 | 101.8 | 7.6 | Nov 81 |
| 82-83 | 57.3 | 3.4 | Dec 82 |
| 83-84 | 62.9 | 5.0 | Jan 84 |
| 84-85 | 93.7 | 7.5 | Jan 85 |
| 85-86 | 62.2 | 4.2 | Jan 86 |
| 86-87 | 134.1 | 11.6 | Jan 87 |
| 87-88 | 95.5 | 7.4 | Dec 87 |
| 88-89 | 54.3 | 4.1 | Nov 88 |
| 89-90 | 64.6 | 3.7 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>11.6</i> | <i>Jan 87</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 54.41 | 12.95 |
| Ten-Season POR: | Jul 70 - Jun 80 | 74.36 | 27.44 |
| Ten-Season POR: | Jul 80 - Jun 90 | 83.35 | 26.82 |
| Entire POR: | Jul 60 - Jun 90 | 69.74 | 27.23 |

SPANGDAHLEM AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 58.7 | 15.1 | Apr 81 |
| 81-82 | 32.2 | 5.4 | Jan 82 |
| 82-83 | 19.5 | 3.2 | Jan 83 |
| 83-84 | 34.9 | 3.8 | Feb 84 |
| 84-85 | 23.0 | 3.7 | Jan 85 |
| 85-86 | 25.1 | 3.6 | Nov 85 |
| 86-87 | 26.6 | 3.3 | Dec 86/Jan 87 |
| 87-88 | 20.6 | 3.1 | Feb 88 |
| 88-89 | 5.5 | 2.7 | Nov 88 |
| 89-90 | 1.5 | 0.8 | Mar 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>15.1</i> | <i>Apr 81</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 30.54 | 11.37 |
| Ten-Season POR: | Jul 70 - Jun 80 | 20.40 | 7.45 |
| Ten-Season POR: | Jul 80 - Jun 90 | 24.76 | 15.89 |
| Entire POR: | Jul 53 - Jun 90 | 23.55 | 11.89 |

TINKER AFB, OK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 5.2 | 4.7 | Nov 80 |
| 81-82 | 6.5 | 2.0 | Mar 82 |
| 82-83 | 11.2 | 4.0 | Feb 83 |
| 83-84 | 6.1 | 1.5 | Jan 84 |
| 84-85 | 11.5 | 4.0 | Feb 84 |
| 85-86 | 10.4 | 5.0 | Feb 86 |
| 86-87 | 10.2 | 9.0 | Jan 87 |
| 87-88 | 20.8 | 10.2 | Dec 87 |
| 88-89 | 12.5 | 5.0 | Mar 89 |
| 89-90 | 1.0 | 1.0 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>10.2</i> | <i>Dec 87</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 9.32 | 5.20 |
| Ten-Season POR: | Jul 60 - Jun 70 | 8.27 | 7.14 |
| Ten-Season POR: | Jul 70 - Jun 80 | 8.98 | 6.89 |
| Ten-Season POR: | Jul 80 - Jun 90 | 9.54 | 5.34 |
| Entire POR: | Jul 43 - Jun 90 | 9.14 | 6.30 |

URBANA, IL

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 29.1 | 9.1 | Nov 80 |
| 81-82 | 58.4 | 11.4 | Jan 82 |
| 82-83 | 16.5 | 7.6 | Mar 83 |
| 83-84 | 44.9 | 8.2 | Feb 84 |
| 84-85 | 17.5 | 4.1 | Feb 85 |
| 85-86 | 18.2 | 5.0 | Feb 86 |
| 86-87 | 20.5 | 8.5 | Jan 87 |
| 87-88 | 22.0 | 6.0 | Dec 87 |
| 88-89 | 26.3 | 6.9 | Mar 89 |
| 89-90 | 12.2 | 2.8 | Oct 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>14.0</i> | <i>Mar 06*</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 70 - Jun 80 | 28.99 | 17.43 |
| Ten-Season POR: | Jul 80 - Jun 90 | 26.56 | 14.43 |
| Entire POR: | Jul 70 - Jun 90 | 27.78 | 15.62 |

* POR for 24-Hour extreme is from 1900 to 1989.

VANCE AFB, OK

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 2.4 | 2.0 | Mar 81 |
| 81-82 | 12.4 | 6.9 | Feb 82 |
| 82-83 | 10.9 | 4.6 | Feb 83 |
| 83-84 | 12.2 | 2.4 | Dec 83 |
| 84-85 | 5.4 | 1.8 | Feb 85 |
| 85-86 | 10.9 | 3.9 | Feb 86 |
| 86-87 | 15.7 | 5.8 | Jan 87 |
| 87-88 | 31.8 | 7.1 | Jan 88 |
| 88-89 | 3.3 | 3.0 | Nov 88 |
| 89-90 | 11.4 | 7.0 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | 9.6 | Feb 71 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 9.86 | 5.66 |
| Ten-Season POR: | Jul 60 - Jun 70 | 8.72 | 5.87 |
| Ten-Season POR: | Jul 70 - Jun 80 | 13.47 | 6.84 |
| Ten-Season POR: | Jul 80 - Jun 90 | 11.64 | 8.29 |
| Entire POR: | Jul 42 - Jun 90 | 10.78 | 6.83 |

WESTOVER AFB, MA

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 23.3 | 9.9 | Nov 80 |
| 81-82 | 55.0 | 13.4 | Apr 82 |
| 82-83 | 47.0 | 15.0 | Feb 83 |
| 83-84 | 53.9 | 7.0 | Jan 84 |
| 84-85 | 22.7 | 4.2 | Feb 85 |
| 85-86 | 29.4 | 5.8 | Feb 86 |
| 86-87 | 55.5 | 7.6 | Jan 87 |
| 87-88 | 60.3 | 7.0 | Feb 88 |
| 88-89 | 19.9 | 2.7 | Dec 88 |
| 89-90 | 46.9 | 7.2 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 17.0 | Feb 58 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 50 - Jun 60 | 43.95 | 15.02 |
| Ten-Season POR: | Jul 60 - Jun 70 | 57.02 | 12.21 |
| Ten-Season POR: | Jul 70 - Jun 80 | 50.55 | 20.79 |
| Ten-Season POR: | Jul 80 - Jun 90 | 41.39 | 15.78 |
| Entire POR: | Jul 41 - Jun 90 | 48.52 | 18.70 |

WHITEMAN AFB, MO

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 7.2 | 3.3 | Feb 81 |
| 81-82 | 26.4 | 5.0 | Feb 82 |
| 82-83 | 15.9 | 5.6 | Jan 83 |
| 83-84 | 24.2 | 3.3 | Mar 84 |
| 84-85 | 22.4 | 3.3 | Jan 85 |
| 85-86 | 16.9 | 12.5 | Dec 86 |
| 86-87 | 19.0 | 8.9 | Jan 87 |
| 87-88 | 27.0 | 10.5 | Dec 87 |
| 88-89 | 14.6 | 3.4 | Feb 89 |
| 89-90 | 18.3 | 6.0 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>14.4</i> | <i>Dec 54</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 60 - Jun 70 | 17.72 | 9.23 |
| Ten-Season POR: | Jul 70 - Jun 80 | 31.54 | 10.04 |
| Ten-Season POR: | Jul 80 - Jun 90 | 19.19 | 6.06 |
| Entire POR: | Jul 43 - Jun 90 | 22.95 | 10.57 |

WRIGHT-PATTERSON AFB, OH

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 15.0 | 6.0 | Nov 80 |
| 81-82 | 35.6 | 5.7 | Dec 81 |
| 82-83 | 6.1 | 1.0 | Feb 83 |
| 83-84 | 34.4 | 5.4 | Mar 84 |
| 84-85 | 24.3 | 4.0 | Dec 84 |
| 85-86 | 21.8 | 3.7 | Feb 86 |
| 86-87 | 18.7 | 5.9 | Mar 87 |
| 87-88 | 7.6 | 2.5 | Feb 88 |
| 88-89 | 7.0 | 1.8 | Dec 88 |
| 89-90 | 22.0 | 4.5 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>13.9</i> | <i>Dec 58</i> |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 40 - Jun 50 | 16.92 | 16.53 |
| Ten-Season POR: | Jul 50 - Jun 60 | 30.75 | 15.92 |
| Ten-Season POR: | Jul 60 - Jun 70 | 26.83 | 9.98 |
| Ten-Season POR: | Jul 70 - Jun 80 | 28.54 | 10.86 |
| Ten-Season POR: | Jul 80 - Jun 90 | 19.25 | 10.61 |
| Entire POR: | Jul 38 - Jun 90 | 25.30 | 13.05 |

WURTSMITH AFB, MI

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 60.0 | 13.6 | Dec 80 |
| 81-82 | 72.9 | 8.9 | Jan 82 |
| 82-83 | 44.8 | 10.0 | Mar 83 |
| 83-84 | 37.7 | 5.4 | Jan 84 |
| 84-85 | 74.8 | 8.3 | Mar 85 |
| 85-86 | 59.6 | 7.0 | Feb 86 |
| 86-87 | 46.0 | 7.0 | Feb 87 |
| 87-88 | 49.2 | 9.3 | Feb 88 |
| 88-89 | 58.9 | 8.5 | Mar 89 |
| 89-90 | 86.0 | 10.2 | Dec 89 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>13.6</i> | <i>Dec 80</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 60 - Jun 70 | 57.31 | 18.10 |
| Ten-Season POR: | Jul 70 - Jun 80 | 63.54 | 20.52 |
| Ten-Season POR: | Jul 80 - Jun 90 | 58.94 | 15.03 |
| Entire POR: | Jul 43 - Jun 90 | 59.92 | 17.85 |

YOKOTA AB, JAPAN

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|-------------------------------|
| 80-81 | 7.4 | 3.4 | Dec 80 |
| 81-82 | 0.4 | 0.2 | Jan 82 |
| 82-83 | 7.2 | 5.9 | Feb 83 |
| 83-84 | 49.9 | 10.5 | Feb 84 |
| 84-85 | 8.5 | 3.0 | Mar 85 |
| 85-86 | 22.7 | 9.1 | Mar 86 |
| 86-87 | 27.9 | 5.3 | Mar 87 |
| 87-88 | 10.6 | 4.0 | Dec 87 |
| 88-89 | 3.0 | 3.0 | Jan 89 |
| 89-90 | 18.7 | 10.3 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | <i>14.8</i> | <i>Mar 69</i> |
| | | | |
| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
| Ten-Season POR: | Jul 50 - Jun 60 | 14.63 | 10.67 |
| Ten-Season POR: | Jul 60 - Jun 70 | 8.98 | 11.72 |
| Ten-Season POR: | Jul 70 - Jun 80 | 11.80 | 10.00 |
| Ten-Season POR: | Jul 80 - Jun 90 | 15.63 | 14.87 |
| Entire POR: | Jul 48 - Jun 90 | 12.45 | 11.63 |

ZWEIBRUCKEN AB, GERMANY

| <u>Season</u> | <u>Total Snowfall</u> | <u>24-Hour Extreme</u> | <u>Date of Extreme</u> |
|--|---------------------------|----------------------------|----------------------------|
| 80-81 | 29.1 | 4.0 | Dec 80 |
| 81-82 | 36.1 | 6.0 | Jan 82 |
| 82-83 | 14.4 | 3.0 | Feb 83 |
| 83-84 | 35.0 | 7.2 | Feb 84 |
| 84-85 | 23.4 | 4.0 | Jan/Mar 85 |
| 85-86 | 31.1 | 4.2 | Dec 85 |
| 86-87 | 16.0 | 3.0 | Dec 86 |
| 87-88 | 22.5 | 6.0 | Nov 87 |
| 88-89 | 10.1 | 5.0 | Nov 88 |
| 89-90 | 2.9 | 1.3 | Feb 90 |
| <i>24-Hour Extreme for Entire POR:</i> | | 7.2 | Feb 84 |

| | | <u>Seasonal Mean</u> | <u>Standard Deviation</u> |
|-----------------|-----------------|--------------------------|-------------------------------|
| Ten-Season POR: | Jul 70 - Jun 80 | 16.60 | 6.80 |
| Ten-Season POR: | Jul 80 - Jun 90 | 22.06 | 11.07 |
| Entire POR: | Jul 70 - Jun 90 | 19.33 | 9.37 |

DISTRIBUTION

| | |
|--|---|
| HQ USAF/XOOOW, Rm BD927, Washington, DC 20330-5054 | 1 |
| OSAF/SS, Rm 4C1052, Pentagon, Attn: Weather, Washington, DC 20330-6560 | 1 |
| USTC J3/J4-OW, Scott Dr., Bldg 1900, Scott AFB, IL 62225-7001 | 5 |
| AWS/XTX/DO/ Losey St., Bldg 1521, Scott AFB, IL 62225-5008 | 3 |
| Det 4, AWS, Bldg 91027, Hurlburt Fld, FL 32544-5000 | 1 |
| Det 5, HQ AWS, Keesler AFB, MS 39534-5000 | 1 |
| OL-B, HQ AWS, Hanscom AFB, MA 01731-5000 | 1 |
| OL-N, HQ AWS, ASL(SLCAS-BW-W), Bldg 1646, Rm 24, Missile Range, White Sands, NM 88002-5501 | 1 |
| HQ AFGWC/BB39, 106 Peacekeeper Dr., Ste 2N3, Offutt AFB, NE 86113-4039 | 5 |
| AFSFC/DON, Stop 82, Bldg 715, Patrick Ave., Falcon AFB, CO 80912-5000 | 1 |
| USAFETAC, Scott AFB, IL 62225-5000 | 6 |
| OL-A, USAFETAC, Federal Building, Rm 305, Asheville, NC 28801-2723 | 1 |
| NCDC Library (D542X2), Federal Building, Asheville, NC 28801-2723 | 1 |
| AFSPACECOM/DOWA, Bldg 1, Stop 7, Peterson Rd., Peterson AFB, CO 80914-5001 | 1 |
| AFTAC/DOW, Patrick AFB, FL 32925-5000 | 1 |
| AFTAC/TN, Patrick AFB, FL 32925-3002 | 1 |
| AFTAC/TNK, 1030 Highway A1A, Patrick AFB, FL 32925-5000 | 1 |
| 21OSS/OGSW, Hamilton Rd., Stop 22, Peterson AFB, CO 80914-5000 | 1 |
| AFMC(I)/DOW, Bldg 266, Post 108P Chidlaw Rd., Wright-Patterson AFB, OH 45433-5000 | 1 |
| FASTC/TAW, 4115 Hebble Creek Rd., Ste 33, Wright-Patterson AFB, OH 45433-5637 | 1 |
| ASD/WE, Bldg 91, 3rd St, Wright-Patterson AFB, OH 45433-6503 | 1 |
| AFIT/CIR, Wright-Patterson AFB, OH 45433-6583 | 1 |
| WL/DOA, Wright-Patterson AFB, OH 45433-6543 | 1 |
| WLDOW, Wright Patterson AFB, OH 45433-6543 | 1 |
| 2750ABWWE, Bldg 206, Area C, Skeel Av., Wright Patterson AFB, OH 45433-6543 | 1 |
| 645 WS/CC, Wright-Patterson AFB, OH 45433-5000 | 1 |
| PL/WE, Kirtland AFB, NM 87117-5000 | 1 |
| HQ AFOTEC/WE, Kirtland AFB, NM 87117-7001 | 1 |
| RL/WE, Griffiss AFB, NY 13441-5700 | 1 |
| ROME LAB/SUL, Corridor W, Ste 262, 26 Electronic Pkwy, Griffiss AFB, NY 13441-4514 | 1 |
| AFCEA/WE, Tyndall AFB, FL 32403-5000 | 1 |
| 325 OSS/OSW, Florida Ave., Stop 22, Bldg 149, Tyndall AFB, FL 32403-5048 | 1 |
| AFESC/RDXT, Bldg 1120, Stop 21, Tyndall AFB, FL 32403-5000 | 1 |
| ESD/WE, Vandenberg Dr., Bldg 1624, Hanscom AFB, MA 01731-5000 | 1 |
| PL/TSML, Research Library, Hanscom AFB, MA 01731-5000 | 1 |
| PL/GP, Hanscom AFB, MA 01731-5000 | 1 |
| 3246TW/DOW, Bldg 60, Rm 60, Eglin AFB, FL 32542-5000 | 1 |
| 46 WS/CC, Eglin AFB, FL 31542-5000 | 1 |
| AFFTC/WE, Edwards AFB, CA 93523-5000 | 1 |
| UTTR/WE, Hill AFB, UT 84056-5000 | 1 |
| 2849 ABG/DOW, Bldg 1, Hill AFB, UT 84056-5000 | 1 |
| 2854 ABG/DOW, Bldg 240, Tinker AFB, OK 73145-5000 | 1 |
| USCENTCOM/CCJ3-W, Bldg 540, MacDill Blvd, MacDill AFB, FL 33608-7001 | 1 |
| ESMC/WE, Patrick AFB, FL 32925-5000 | 1 |
| OL-A, AFCOS, Site R, Fort Ritchie, MD 21719-5010 | 1 |
| USAFALCENT RA, Pope AFB, NC 28308-5000 | 1 |
| CCSO/FL, Tinker AFB, OK 73145-6340 | 1 |
| AFOSR/NL, Bolling AFB, DC 20332-5000 | 1 |
| TFWC/WE, Nellis AFB, NV 89191-5000 | 1 |
| 654 SG/DOW, Tinker AFB OK 73145-5000 | 1 |
| 651 SG/DOW, Kelly AFB, TX 78241-5000 | 1 |
| 652 SPTG/DOW, McClellan AFB, CA 945662-5987 | 1 |
| AMC/XOWR, Bldg P40 N, Martin Ave, Scott AFB, IL 62225-5000 | 3 |
| 438 OSS/WXF, Bldg 1730, Vandenberg Ave., McGuire AFB, NJ 08641-5000 | 1 |
| 89 OSS/WXF, Operations Dr., Bldg 1220, Andrews AFB, MD 20331-5000 | 1 |
| 438 OSS/WXF, Bldg 501, Eagle Way St B, Dover AFB, DE 19902-5987 | 1 |
| 23OSS/OSW, Bldg 708, Pope AFB, NC 28308-5000 | 1 |
| 443 OSS/WXF, Bldg 185, Rm 123, Ave E, Altus AFB, OK 73523-5987 | 1 |
| 375WS/OGWB, Bldg 433, Scott AFB, IL 62225-5000 | 1 |
| 62 OSS/WXF, Bldg 1172, McChord AFB, WA 98438-5987 | 1 |

| | |
|---|---|
| 314 OSS/OSW, 1st St., Bldg 120, Little Rock AFB, AR 72099-5000 | 1 |
| 542 OSS/WXF, Kirtland AFB, NM 87117-5987 | 1 |
| 1SOW/OGSW, Attn: Lt Kelly, 150 Bennett, Bldg 90730, Hurlburt FLD, FL 32544-5000 | 1 |
| HQ AFSOC/DOW, Bldg 1, Hurlburt FLD, FL 32544-5000 | 1 |
| ATC/DOTW, 244 F Street East, Suite #3, Randolph AFB, TX 78150-4325 | 3 |
| 71 OSS/DOW, 623 Elam Rd., Suite 110, Vance AFB, OK 73705-5000 | 1 |
| 393 SPTG/OSFXW, 817 H Street, Suite 102, Keesler AFB, MS 39534-5000 | 1 |
| CFA, C-2/SWO, APO AP 96258-0210 | 1 |
| 603 ACCS/WE, Unit 2051, APO AP 96278-5000 | 1 |
| 8OSS/WX, APO AP 96264-5000 | 1 |
| PACAF/DOW, Bldg 1102, Hickam AFB, HI 96853-5000 | 5 |
| 11OPG/WE, 6900 9th Ste 205, Elmendorf AFB, AK 99506-5000 | 1 |
| 3OSS/WE, 7th St., Bldg 32235, Elmendorf AFB, AK 99506-5000 | 1 |
| 623 SPTS/DOS, Bldg 1404, Galena ARPT, AK, APO AP 96510-2250 | 1 |
| 11WS, 1215 Flightline Ave, Ste 2, Eielson AFB, AK 99702-1520 | 1 |
| 673OSS/WE, Unit 12509, APO AP 96512-2250 | 1 |
| 633 OSS/DOW, Unit 14035, Box 54, APO AP 96543-5000 | 1 |
| OL-A, Det 8, 20WS, APO AP 96376-1208 | 1 |
| 432 OSS/WX, Unit 5011, APO AP 96319-5000 | 1 |
| OL-B, Det 17, 20WS, APO AP 96343-0085 | 1 |
| 374 OSS/WEF, APO AP 96328-5000 | 1 |
| 643 SPTS/OF, King Salmin Apt, AK, APO AP 96513-5000 | 1 |
| USSTRATCOM/J3615, Rm L127, Bldg 522, 901 SAC Blvd, Offutt AFB, NE 68113-5000 | 1 |
| ACC/DOW, Bldg 21, 30 Elm St, Ste 215, Langley AFB, VA 23655-2093 | 1 |
| 90 OSS/DOW, 7505 Saber Rd., Bldg 1250, F.E. Warren AFB, WY 82001-5000 | 1 |
| 55 OSS/DOW, 509 SAC Blvd, Ste 1, Bldg T29, Offutt AFB, NE 68113-2094 | 1 |
| 92 OSS/OSW, Bldg 1, Fairchild AFB, WA 99011-5000 | 1 |
| 43 OSS/DOW, Ave D, Bldg 360, Malmstrom AFB, MT 59402-5000 | 1 |
| 5 OSS/DOW, 221 Flight Line Dr., Bldg 746, Minot AFB, ND 58705-5021 | 1 |
| 384 OSS/DOW, Kansas Ct., Ste 104, Bldg 1112, McConnell AFB, KS 67221-5000 | 1 |
| 42 OSS/DOW, Georgia Rd., Bldg 8200, Rm 10, Loring AFB, ME 04751-5000 | 1 |
| 416 OSS/OSW, 592 Hangar Rd., Ste 121, Bldg 1000, Griffiss AFB, NY 13441-5000 | 1 |
| 380 OSS/DOW, Alabama Ave., Bldg 2712, Rm 100, Plattsburgh AFB, NY 12903-5000 | 1 |
| 97 OSS/DOW, Eaker AFB, AR 72317-5000 | 1 |
| 319 OSS/DOW, 695 Steen Ave., Bldg 528, Ste 106, Grand Forks AFB, ND 58205-6244 | 1 |
| 28 OSS/OSAW, Bldg 7506, Ellsworth AFB, SD 57706-5000 | 1 |
| 351 OSS/DOW, Bldg S35, Whiteman AFB, MO 65305-5000 | 1 |
| 410 OSS/DOW, F Ave., Bldg 401, Ste 7, K.I. Sawyer AFB, MI 49843-3400 | 1 |
| 305 OSS/DOW, Hoosier Blvd, Bldg S-28, Grissom AFB, IN 46971-5000 | 1 |
| 9COS/AOSW, Bldg 1130, Shaw Dr., Shaw AFB, SC 29152-5410 | 1 |
| 4 Operations Group/OSW, 1980 Curtiss Ave., Ste 140, Bldg 4507, Seymour Johnson AFB, NC 27531-2524 | 1 |
| 1 OG/WS, Flightline Ave., Bldg 754, Langley AFB, VA 23685-5508 | 1 |
| 27 OSS/OSW, 110 E Sextant Ave., Ste 1040, Cannon AFB, NM 88103-5322 | 1 |
| 366 OSS/OSW, 655 Oak St., Mt Home AFB, ID 83648-5000 | 1 |
| ATSI/CDW, US Army Intel, Ft Huachuca AI, AZ 85613-5000 | 1 |
| USCENTCOM/CCJ3-W, MacDill AFB, FL 33608-7001 | 1 |
| USSOCENT/SCJ2-SWO, MacDill AFB, FL 33608-7001 | 1 |
| USSOCOM/SOJ3-W, MacDill AFB, FL 33608-6001 | 1 |
| 1WG, Bldg 168, Hardee St., Ft McPherson, GA 30300-5000 | 1 |
| OL-A, 5WS, AFZJ/SWO, Ft Irwin, CA 92310-3000 | 1 |
| Det 1, 1WXG, Bldg 7163, Ft Campbell, KY 42223-5000 | 1 |
| CDR USASOC, Attn: AOIN-ST, Ft Bragg, NC 28307-5200 | 1 |
| JSOC/Weather, P.O. Box 70239, Ft Bragg, NC 28307-5000 | 1 |
| HQ 5th U.S. Army, AFKB-OP (SWO), Ft Sam Houston, TX 78234-7001 | 1 |
| USAFE/DOW, Unit 3050, Box 15, APO AE 09094-5000 | 1 |
| USAFE/DOWO, Unit 3050, Box 500, APO AE 09094-5000 | 1 |
| 17AF/DOW, Unit 4065, APO AE 09136-5000 | 1 |
| Det 1, 88 OPS GP, Unit 8495, APO AE 09094-5000 | 5 |
| HQ USEUCOM ECJ3, Unit 30400, Box 1000, APO AE 09128-4209 | 1 |
| 100 OSS/DOW, Unit 4945, APO AE 09459 | 1 |
| 48 OSS/WX, Unit 8300, APO AE 09464-5000 | 1 |
| 36 OSS/DOM, Unit 3860, APO AE 09132-5000 | 1 |

| | |
|--|----|
| 7WS, CINCUSAREUR/AREAWX, APO AE 09403-5000 | 1 |
| C Flt, 86WS NCOIC Unit 3565 APO AE 09122-5000 | 1 |
| 3AF/DOW, Unit 4838, APO AE 09470-5000 | 1 |
| 10FW/DOM, PSC #47, APO AE 09470-5000 | 1 |
| 86WF, Unit 3090, APO AE 09094-5000 | 1 |
| 52 OSS/WEF, Unit 3720, Box 195, APO AE 09126-5000 | 1 |
| 107 Weather Flight, Selfridge ANGB, MI 48045-5024 | 1 |
| 116 Weather Flight, WA ANG, Bldg 304, McChord AFB, WA 98433-5000 | 1 |
| 121 Weather Flight, Stop 28, Andrews AFB, MD 20331-6539 | 1 |
| 122 Weather Flight, New Orleans NAS, LA 70143-0200 | 1 |
| 123 Weather Flight, Portland IAF, OR 97218-2797 | 1 |
| 126 Weather Flight, WIANG, 350 E College, Milwaukee, WI 53207-6298 | 1 |
| 146 Weather Flight, GTR Pittsburg ANG AN, PA 15231-0459 | 1 |
| 154 Weather Flight, Camp Robinson, North Little Rock, AR 72118-2200 | 1 |
| 164 Weather Flight, Rickenbacker ANGB, OH 43217-5007 | 1 |
| 204 Weather Flight, McGuire AFB, NJ 08641-6004 | 1 |
| 208 Weather Flight, 206 Airport DE, St Paul, MN 55107-4098 | 1 |
| COMNAVOCEANCOM, Code N312, Stennis Space Ctr, MS 39529-5000 | 2 |
| COMNAVOCEANCOM (Capt Brown, Code N332), Stennis Space Ctr, MS 39529-5001 | 1 |
| NAVOCEANO (Rusty Russum), Bldg 8100, Rm 203D, Stennis Space Ctr, MS 39522-5001 | 2 |
| Maury Oceanographic Library, Naval Oceanography Office, Stennis Space Ctr, MS 39522-5001 | 1 |
| Naval Research Laboratory, Monterey, CA 93943-5006 | 1 |
| Naval Research Laboratory, Code 4323, Washington, DC 20375 | 1 |
| Naval Postgraduate School, Chmn, Dept of Meteorology, Code 63, Monterey, CA 93943-5000 | 1 |
| Naval Eastern Oceanography Ctr (Clim Section), U117 McCady Bldg, Norfolk NAS, Norfolk, VA 23511-5000 | 1 |
| Naval Western Oceanography Ctr, Box 113, Attn: Tech Library, Pearl Harbor, HI 96860-5000 | 1 |
| Naval Air Warfare Center-Weapons Division, Geophysical Sciences Branch, Code 3254, Attn: Mr. Roger Helvey, Point Mugu, CA 93042-5001 | 1 |
| Chief, APG Met Team, Bldg 1134, Attn: AMSTE-TC-AM CAB, Aberdeen Proving Ground, MD 21005-5001 | 1 |
| Atmospheric Sciences Laboratory (SLCAS-AS-I 3 10-2c), White Sands Missile Range, NM 88002-5501 | 1 |
| TECOM Atmos Sci Div, AMSTE-TC-AA (MacBlain), White Sands Missile Range, NM 88002-5504 | 1 |
| White Sands Met Team, AMSTE-TC-AM (WS), White Sands Missile Range, NM 88002-5501 | 1 |
| USA TECOM, ATTN: AMSTE-TC-AM (RE) TECOM Met Team, Redstone Arsenal, AL 35898-8052 | 1 |
| Director, U.S.A.-CETEC, Attn: GL-AE (Whitmarsh), Fort Belvoir, VA 22060-5546 | 1 |
| Technical Library, Dugway Proving Ground, Dugway, UT 84022-5000 | 1 |
| HQ NATO Staff Meteorological Officer IMS/OPS APO AE 09724 | 1 |
| NOAA/MASC Library MC5, 325 Broadway, Boulder, CO 80303-3328 | 2 |
| NOAA Library-EOC4W5C4, Attn: ACQ, 6009 Executive Blvd, Rockville, MD 20852 | 1 |
| NOAA/NESDIS (Attn: Nancy Everson, E/RA22), World Weather Bldg, Rm 703, Washington, DC 20233 | 1 |
| NGDC, NOAA, Mail Code E/GC4, 325 Broadway, Boulder, CO 80333-3328 | 1 |
| NWS W/OSD, Bldg SSM C-2 East-West Hwy, Silver Spring, MD 20910 | 1 |
| NIST Pubs Production, Rm A635, Admin Bldg, Gaithersburg, MD 20899 | 1 |
| 8 TDCS/DA, Tinker AFB, OK 73145-6503 | 1 |
| 2854ABG/SSL, Tinker AFB, OK 73145-5000 | 1 |
| 99MAS/DOV, Attn: Lt Col Anderson, Andrews AFB, MD 20331-5000 | 1 |
| DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145 | 2 |
| AUL/LSE, Maxwell AFB, AL 36112-5564 | 1 |
| AWSTL, Scott AFB, IL 62225-5438 | 35 |